

10/506,999

(FILE 'HOME' ENTERED AT 21:12:59 ON 27 SEP 2005)

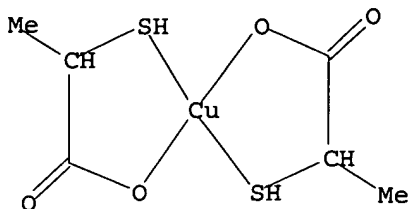
FILE 'REGISTRY' ENTERED AT 21:13:18 ON 27 SEP 2005

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 21:13:40 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1 TO ITERATE

100.0% PROCESSED 1 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 1 TO 80
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 21:13:45 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 28 TO ITERATE

100.0% PROCESSED 28 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

L3 1 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

161.33

161.54

FILE 'CAPLUS' ENTERED AT 21:13:50 ON 27 SEP 2005

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FILE COVERS 1907 - 27 Sep 2005 VOL 143 ISS 14

FILE LAST UPDATED: 26 Sep 2005 (20050926/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3

L4 2 L3

=> d 1-2 bib abs

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2003:719231 CAPLUS

DN 139:241671

TI Preparation of copper(II) thiolactate and copper(II) levulinate as agrochemical fungicides and bactericides

IN Franke, Friedrich; Goebel, Gerhard; Ploss, Hartmut

PA Spiess-Urania Chemicals G.m.b.H., Germany

SO PCT Int. Appl., 16 pp.

CODEN: PIXXD2

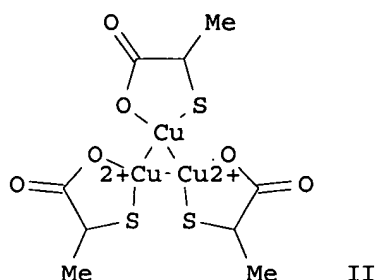
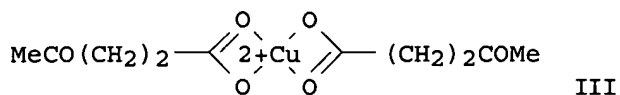
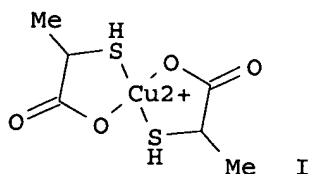
DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003073857	A2	20030912	WO 2003-DE384	20030211
	WO 2003073857	A3	20040212		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	DE 10209600	A1	20030918	DE 2002-10209600	20020305
	EP 1480518	A2	20041201	EP 2003-709602	20030211
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
	BR 2003008182	A	20050111	BR 2003-8182	20030211
	US 2005159482	A1	20050721	US 2003-506999	20030211
PRAI	DE 2002-10209600	A	20020305		
	WO 2003-DE384	W	20030211		

GI



- AB Copper(II) thiolactate (I and II) and copper(II) levulinate (III) are prepared as agrochem. fungicides and bactericides. In these complexes, the copper ions are spatially shielded and transferred to plants by slow release.
- L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
- AN 1984:78870 CAPLUS
- DN 100:78870
- TI Electron spin resonance studies. Part 66. Characterization of copper(II) complexes in the oxidation of D-penicillamine, L-cysteine, and related sulfur-containing compounds
- AU Davis, Frederick J.; Gilbert, Bruce C.; Norman, Richard O. C.; Symons, Martyn C. R.
- CS Dep. Chem., Univ. York, York, YO1 5DD, UK
- SO Journal of the Chemical Society, Perkin Transactions 2: Physical Organic Chemistry (1972-1999) (1983), (11), 1763-71
- CODEN: JCPKBH; ISSN: 0300-9580
- DT Journal
- LA English
- AB Cu(II)-dithiolate complexes, formed in aqueous solution at pH .apprx.10, were characterized by ESR spectroscopy. Some complexes, e.g. that from D-penicillamine, are long-lived whereas rapid-flow and fast-freezing methods were needed to study the more transient species, e.g. the analogous complex from L-cysteine. ESR spectra were described for related Cu complexes of S2N2, S2O2, and S4 type and isotropic and anisotropic parameters are interpreted in terms of significant spin-delocalization onto S and N ligands. Some transient ternary complexes, e.g. from L-cysteine and HSCH2CO2H, were identified. Stopped-flow expts. on the kinetics of the 2nd-order decay of the transient complexes showed the importance of steric and electronic effects in governing their lifetimes.

(FILE 'HOME' ENTERED AT 21:20:44 ON 27 SEP 2005)

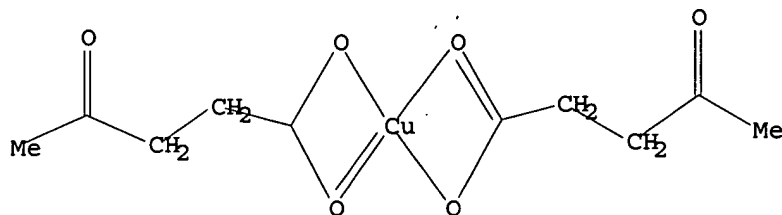
FILE 'REGISTRY' ENTERED AT 21:20:56 ON 27 SEP 2005

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 21:21:26 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 18 TO ITERATE

100.0% PROCESSED 18 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 106 TO 614

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 21:21:31 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 286 TO ITERATE

100.0% PROCESSED 286 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

(FILE 'HOME' ENTERED AT 21:20:44 ON 27 SEP 2005)

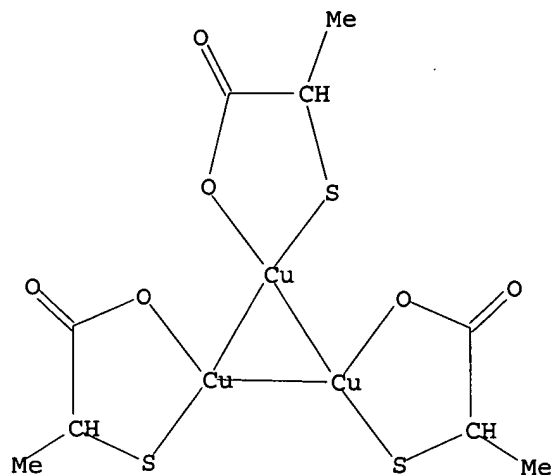
FILE 'REGISTRY' ENTERED AT 21:20:56 ON 27 SEP 2005

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 0 S L1 FULL
L4 STRUCTURE UPLOADED

=> d l4

L4 HAS NO ANSWERS

L4 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l4

SAMPLE SEARCH INITIATED 21:26:27 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1 TO ITERATE

100.0% PROCESSED 1 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1 TO 80
PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4

=> s l4 full

FULL SEARCH INITIATED 21:26:31 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 23 TO ITERATE

100.0% PROCESSED 23 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

L6 1 SEA SSS FUL L4

=> fil caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	325.67	325.88

FILE 'CAPLUS' ENTERED AT 21:26:36 ON 27 SEP 2005

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FILE COVERS 1907 - 27 Sep 2005 VOL 143 ISS 14
FILE LAST UPDATED: 26 Sep 2005 (20050926/ED)

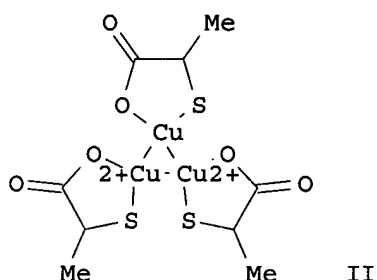
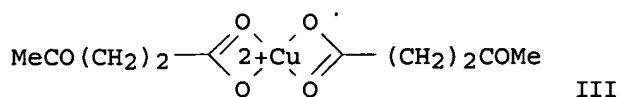
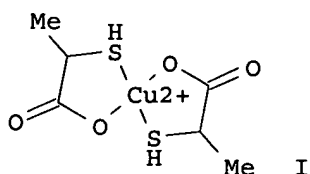
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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 16
L7 4 L6
=> d 1-4 bib abs

L7 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2003:719231 CAPLUS
DN 139:241671
TI Preparation of copper(II) thiolactate and copper(II) levulinate as agrochemical fungicides and bactericides
IN Franke, Friedrich; Goebel, Gerhard; Ploss, Hartmut
PA Spiess-Urania Chemicals G.m.b.H., Germany
SO PCT Int. Appl., 16 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2003073857	A2	20030912	WO 2003-DE384	20030211
	WO 2003073857	A3	20040212		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	DE 10209600	A1	20030918	DE 2002-10209600	20020305
	EP 1480518	A2	20041201	EP 2003-709602	20030211
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	BR 2003008182	A	20050111	BR 2003-8182	20030211
	US 2005159482	A1	20050721	US 2003-506999	20030211
PRAI	DE 2002-10209600	A	20020305		
	WO 2003-DE384	W	20030211		
GI					



AB Copper(II) thiolactate (I and II) and copper(II) levulinate (III) are prepared as agrochem. fungicides and bactericides. In these complexes, the copper ions are spatially shielded and transferred to plants by slow release.

L7 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1984:12923 CAPLUS

DN 100:12923

TI Calculation of specific gravity of cobalt and copper complexes from x-ray chemical shifts

AU Kumar, V.; Srivastava, K. S.; Chetal, A. R.

CS Dep. Phys. Math., Indian Sch. Mines, Dhanbad, 826 004, India

SO Indian Journal of Pure and Applied Physics (1983), 21(9), 552-4

CODEN: IJOPAU; ISSN: 0019-5596

DT Journal

LA English

AB The sp. gravities of Cu and Co complexes were calculated from their x-ray chemical shifts. The calculated values of the sp. gravities of CoS, CoS₂, CoC₂O₄, CoSO₄·7H₂O, CuO, and CuSO₄·5H₂O agree with the observed values. The specific gravities of piperidinium pentamethylene dithiocarbonatocobalt(II), 5,5'-thiodisalicylatocobalt(II), 1-phenyltetrazoline-5-thionocobalt(II), dimethylaminoethanethiolatocobalt(II), α-mercaptopropionatocobalt(II), K₆[Co(CN)₁₀], [Co(NH₃)₄(CO₃)]NO₃, [Co(NH₃)₄(NO₂)₂]NO₃, [Co(NH₃)₃(NO₂)₃], 5,5'-thiodisalicylatocopper, piperidinium pentamethylene dithiocarbonatocopper(II), diacetylacetonatocopper(II) hydride, diacetylacetonatocopper(II) chloride, diacetylacetonatocopper(II) bromide, diacetylacetonatocopper(II) nitrite, and α-mercaptopropionatocopper were calculated

L7 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1979:619546 CAPLUS

DN 91:219546

TI Extended x-ray absorption fine structure studies on some cobalt and copper complexes

AU Krishna, Vijai; Prasad, Jagdish; Nigam, H. L.

CS Chem. Dep., Univ. Allahabad, Allahabad, 211 002, India

SO Indian Journal of Pure and Applied Physics (1979), 17(2), 95-8

CODEN: IJOPAU; ISSN: 0019-5596

DT Journal

LA English

AB The fine structures of x-ray K-absorption edges in a variety of Co and Cu complexes are recorded using a bent crystal spectrograph of Cauchois type. The spectra are almost similar for compds. involving the same coordination symmetries. A lowering in coordination symmetry, however, results in the shift of the fine structure towards the high energy side. The spectra of mixed ligand complexes are an additive superposition of the spectra of individual ligand complexes. The average metal-ligand bond lengths in these compds. were determined by applying the theory of R. M. Levy (1965).

L7 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1975:105824 CAPLUS

DN 82:105824

TI Trinuclear copper(II)- α -mercaptopropionic acid complex

AU Srivastava, S. K.; Pandeya, K. B.; Nigam, H. L.

CS Dep. Chem., Univ. Allahabad, Allahabad, India

SO Inorganic and Nuclear Chemistry Letters (1975), 11(3), 195-9

CODEN: INUCAF; ISSN: 0020-1650

DT Journal

LA English

AB The trinuclear $\text{Cu}_3\text{L}_3 \cdot 4.5\text{H}_2\text{O}$ ($\text{H}_2\text{L} = \text{MeCH}(\text{SH})\text{COOH}$) was prepared and characterized by magnetic susceptibility measurements at 80-300°K and by EPR and electronic spectra. The magnetic measurements indicate a triangular spin-spin interaction and thus that the 3 Cu(II) ions are situated at the corners of an equilateral triangle.